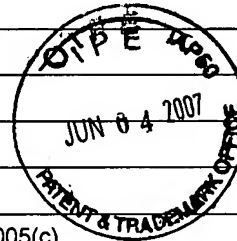


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10533005
Filing Date	2006-08-07
First Named Inventor	Michel Carrier
Art Unit	
Examiner Name	
Attorney Docket Number	125553.00005(c)



CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature		Date (YYYY-MM-DD)	2007-05-31
Name/Print	Terri S. Flynn	Registration Number	41,756

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10533005
Filing Date	2006-08-07
First Named Inventor	Michel Carrier
Art Unit	
Examiner Name	
Attorney Docket Number	125553.00005(c)

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	2520880		1950-08-29	Harlamoff	
	2	3608088		1971-09-28	Dorman, et al.	
	3	3826595		1974-07-30	Bottoms	
	4	4382199		1983-05-03	Isaacson	
	5	4507048		1985-03-26	Belenger, et al.	
	6	4589822		1986-05-20	Claussen, et al.	
	7	4606698		1986-08-19	Claussen, et al.	
	8	4625712		1986-12-02	Wampler, et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number	125553.00005(c)	

	9	4643641		1987-02-17	Claussen, et al.	
	10	4664592		1987-05-12	Grzina	
	11	4668459		1987-05-26	Joh	
	12	4688998		1987-08-25	Olsen, et al.	
	13	4704121		1987-11-03	Moise	
	14	4707315		1987-11-17	Joh, et al.	
	15	4753221		1988-06-28	Kensey, et al.	
	16	4779614		1988-10-25	Moise, et al.	
	17	4817586		1989-04-04	Wampler	
	18	4846152		1989-07-11	Wampler, et al.	
	19	4895557		1990-01-23	Moise, et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number	125553.00005(c)	

	20	4898518		1990-02-06	Hubbard, et al.	
	21	4908012		1990-03-13	Moise, et al.	
	22	4944722		1990-07-31	Carriker, et al.	
	23	4964864		1990-10-23	Summers, et al.	
	24	4981414		1991-01-01	Sheets	
	25	4984972		1991-01-15	Claussen, et al.	
	26	4994078		1991-02-19	Jarvik	
	27	5017087		1991-05-21	Sneddon	
	28	5092879		1992-03-03	Jarvik	
	29	5098256		1992-03-24	Smith	
	30	5112200		1992-05-12	Isaacson, et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

	31	5112202		1992-05-12	Isaacson, et al	
	32	5112202		1992-05-12	Oshima, et al.	
	33	5112349		1992-05-12	Summers, et al.	
	34	5195877		1993-03-23	Kletschka	
	35	5205721		1993-04-27	Isaacson	
	36	5211546		1993-05-18	Isaacson, et al.	
	37	5288215		1994-02-22	Chancellor, et al.	
	38	5290227		1994-03-31	Pasque	
	39	5308314		1994-05-03	Fukui, et al.	
	40	5399074		1995-03-21	Nose, et al.	
	41	5443503		1995-08-22	Yamane	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

	42	5470208		1995-11-28	Kletschka	
	43	5507629		1996-04-16	Jarvik	
	44	5527159		1996-06-18	Bozeman, et al.	
	45	5588812		1996-12-31	Taylor, et al.	
	46	5613935		1997-03-25	Jarvik	
	47	5678306		1997-10-21	Bozeman, Jr., et al.	
	48	5692882		1997-12-02	Bozeman, Jr., et al.	
	49	5707218		1998-01-13	Maher, et al.	
	50	5755784		1998-05-26	Jarvik	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
-------------------	---------	--------------------	------------------------	------------------	---	--

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)



Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

	1	20030124007		2003-07-03	Schima, et al.	
--	---	-------------	--	------------	----------------	--

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	100 15 807 A1	DE		2001-10-11	Patone		<input type="checkbox"/>
	2	100 15 807 C2	DE		2002-09-19	Patone		<input type="checkbox"/>
	3	100 44 056 A1	DE		2001-06-13	Spur, et al.		<input type="checkbox"/>
	4	197 08 841 A1	DE		1998-09-17	Len		<input type="checkbox"/>
	5	197 14 907 C1	DE		1998-10-29	Grobe-Siestrup		<input type="checkbox"/>
	6	197 58 335 C1	DE		1999-03-11	Buske		<input type="checkbox"/>
	7	197 58 350 C1	DE		1999-03-11	Buske		<input type="checkbox"/>
	8	198 52 152 A1	DE		2000-05-18	Buske		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

	9	199 63 533 A1	DE		2000-07-06	Bluschke, et al.		<input type="checkbox"/>
	10	200 07 580 U1	DE		2000-10-05			<input type="checkbox"/>
	11	200 07 581 U1	DE		2000-11-23			<input type="checkbox"/>
	12	298 80 029 U1	DE		1999-09-09			<input type="checkbox"/>
	13	0 060 569	EP		1982-09-22	Olsen, et al.		<input type="checkbox"/>
	14	0 1 051 715	EP		2000-11-15	Buske		<input type="checkbox"/>
	15	0 847 767 A1	EP		1998-06-17	Benkowski, et al.		<input type="checkbox"/>
	16	1 485 144 B1	EP		2005-07-27	Carrier, et al.		<input type="checkbox"/>
	17	2 681 384	FR		1993-03-19	Koichiro		<input type="checkbox"/>
	18	05071492 A	JP		1993-03-23	Koichiro		<input type="checkbox"/>
	19	00/26927	WO		2000-05-11	Buske		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

	20	00/37126	WO		2000-06-29	Bluschke, et al.		<input type="checkbox"/>
	21	00/62841	WO		2000-10-26	Nusser, et al.		<input type="checkbox"/>
	22	00/62842	WO		2000-10-26	Nusser, et al.		<input type="checkbox"/>
	23	00/63595	WO		2000-10-26	Nusser, et al.		<input type="checkbox"/>
	24	00/63595 A3	WO		2000-10-26	Nusser, et al.		<input type="checkbox"/>
	25	00/64030	WO		2000-10-26	Nusser, et al.		<input type="checkbox"/>
	26	00/64509	WO		2000-11-02	Ayre, et al.		<input type="checkbox"/>
	27	02/066837	WO		2002-08-29	Nusser, et al.		<input type="checkbox"/>
	28	02/066838	WO		2002-08-29	Nusser, et al.		<input type="checkbox"/>
	29	02/088547 A2	WO		2002-11-07	Nusser, et al.		<input type="checkbox"/>
	30	02/088548 A1	WO		2002-11-07	Hoffmann, et al		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number	125553.00005(c)	

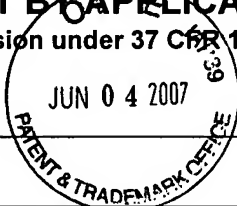
	31	02/101029 A1	WO		2004-11-25	Carrier, et al.		<input type="checkbox"/>
	32	91/19103	WO		1999-12-12	Isaacson		<input type="checkbox"/>
	33	96/18358	WO		1996-06-20	Jarvik		<input type="checkbox"/>
	34	98/12469	WO		1998-03-26	Howard		<input type="checkbox"/>
	35	98/44967	WO		1998-10-15	Grosse-Siestrup		<input type="checkbox"/>
	36	98/53864	WO		1998-12-03	Carrier, et al.		<input type="checkbox"/>
	37	99/12587	WO		1999-03-18	Woodard		<input type="checkbox"/>
	38	99/33072	WO		1999-07-01	Buske		<input type="checkbox"/>
	39	99/34847	WO		1999-07-15	Klein		<input type="checkbox"/>
	40	2001041193 A	JP		2001-02-13	Kenji		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)



Application Number	10533005
Filing Date	2006-08-07
First Named Inventor	Michel Carrier
Art Unit	
Examiner Name	
Attorney Docket Number	125553.00005(c)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	WEBPAGE, "Berlin Heart", 2001-2003 Berlin Heart AG.	<input type="checkbox"/>
	2	AHN, ET AL., "In Vivo Performance Evaluation of a Transcutaneous Energy and Information Transmission System for the Total Artificial Heart," ASAIO Journal 1993, pp. M208-M212.	<input type="checkbox"/>
	3	ALTIERI, ET AL., "Implantable Ventricular Assist Systems," Artificial Organs, Vol. 11, No. 3, 1987, pp. 237-246.	<input type="checkbox"/>
	4	ANTAKI, ET AL., "In Vivo Evaluation of the Nimbus Axial Flow Ventricular Assist System - Criteria and Methods," ASAIO Journal 1993, pp. M231-M236.	<input type="checkbox"/>
	5	BENKOWSKI, "CAD/CAM/CAE in the Medical Engineering Lab," Artificial Organs, Vol. 19, No. 3, 1995, pp. 197-198.	<input type="checkbox"/>
	6	BRAMM, ET AL., "Axial Centrifugal Blood Pump with Magnetically Suspended Rotor," 4541 Life Support, Proc. ESAO (1982) Sept. 1-3, Brussels, Belgium, pp. 215-218.	<input type="checkbox"/>
	7	BROPHY, "Epidemiology of congestive heart failure: Canadian data from 1970 to 1989", Cardiovascular Medicine, Can J Cardiol, Vol. 8, No. 5, June 1992, pp. 495-498.	<input type="checkbox"/>
	8	BUTLER, ET AL., "Development of an Axial Flow Blood Pump LVAS," ASAIO Journal, 1992, pp. M296-M300.	<input type="checkbox"/>
	9	COPELAND, ET AL., "The role of mechanical support and transplantation in treatment of patients with end-stage cardiomyopathy," Perspective, Vol. 72 (suppl II), September 1985, pp. II-7 - II-12.	<input type="checkbox"/>
	10	DAMM, ET AL., "In Vitro Performance of the Baylor/NASA Axial Flow Pump," Artificial Organ, Vol. 17, No. 7, 1993, pp. 609-613.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

11	DAMM, ET AL., "Axial Flow Ventricular Assist Device: System Performance Considerations," Artificial Organs, Vol. 18, No. 1, 1984, pp. 44-48.	<input type="checkbox"/>
12	DEFRAIGNE, ET AL., "Les Assistances Circulatoires: Partie I. Indications et description des systemes"	<input type="checkbox"/>
13	DEFRAIGNE, ET AL., "Les Assistances Circulatoires: Partie II. Complications et resultats"	<input type="checkbox"/>
14	DEVRIES, "Surgical Technique for Implantation of the Jarvik-7-100 Total Artificial Heart," JAMA, Feb. 12, 1988, Vol. 259, No. 6, pp. 875-880.	<input type="checkbox"/>
15	FARRAR, ET AL., "Univentricular and Biventricular Thoratec VAD Support as a Bridge to Transplantation," The Society of Thoracic Surgeons, 1993, pp. 276-282.	<input type="checkbox"/>
16	FARRAR, ET AL., "Recovery of Major Organ Function in Patients Awaiting Heart Transplantation with Thoratec Ventricular Assist Devices," The Journal of Heart and Lung Transplantation, Nov./Dec. 1994, pp. 1125-1132.	<input type="checkbox"/>
17	FEIGENBAUM, "Echocardiography," Lea & Febiger, 1994, 5th Edition.	<input type="checkbox"/>
18	FRAZIER, "Chronic Left Ventricular Support With a Vented Electric Assist Device," The Society of Thoracic Surgeons, 1993, pp. 273-275.	<input type="checkbox"/>
19	FRAZIER, "First Use of an Untethered, Vented Electric Left Ventricular Assist Device for Long-term Support," Circulation Vol. 89, No. 6, June 1994, pp. 2908-2914.	<input type="checkbox"/>
20	FRAZIER, "Cardiac Devices," Transplantation Proceedings, Vol. 28, No. 4 (August), pp. 2039-2041.	<input type="checkbox"/>
21	GALLETTI, "The Biomedical Engineering Handbook," Section XII - Prostheses and Artificial Organs, pp. 1827-1837.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number	125553.00005(c)	

	22	GOLDSTEIN, ET AL., "Development of an Implantable Centrifugal Blood Pump," ASAIO Journal 1992, pp. M362-M365.	<input type="checkbox"/>
	23	GRAY, ET AL., "The Pierce-Donachy Ventricular Assist Device as a Bridge to Cardiac Transplantation," The Society of Thoracic Surgeons, 1989, pp. 222-227.	<input type="checkbox"/>
	24	HAGER, ET AL., "Considerations and Problems in the Development of the Mini-Spindle Pump," Artificial Organs, 1995, Vol. 19, No. 7, pp. 660-664.	<input type="checkbox"/>
	25	JARVIK, "System Considerations Favoring Rotary Artificial Hearts with Blood-Immersed Bearings," Artificial Organs, 1995, Vol. 19, No. 7, pp. 565-570.	<input type="checkbox"/>
	26	KAMENEVA, ET AL., "A Sheep Model for the Study of Hemorheology With Assisted Circulation Effect of an Axial Flow Blood Pump," ASAIO Journal, V.40:4, pp. 959-963.	<input type="checkbox"/>
	27	KAPLON, ET AL., "Miniature Axial Flow Pump for Ventricular Assistance in Children and Small Adults," The Journal of Thoracic and Cardiovascular Surgery, January 1996, pp. 13-18.	<input type="checkbox"/>
	28	KAWAHITO, ET AL., "Ex Vivo Phase 1 Evaluation of the DeBakery/NASA Axial Flow Ventricular Assist Device," Artificial Organs, Vol. 20, No. 1, 1996, pp. 47-52	<input type="checkbox"/>
	29	KERRIGAN, ET AL., "Fluorescent Image Tracking Velocimetry of the Nimbus AxiPump," ASAIO Journal 1993, Vol. 39:3, pp. M639-M643.	<input type="checkbox"/>
	30	KONISHI, ET AL., "Dynamic Systemic Vascular Resistance in a Sheep Supported with a Nimbus AxiPump," ASAIO Journal 1994, V.40:3, pp. M299-M302.	<input type="checkbox"/>
	31	KONISHI, ET AL., "Controller for an Axial Flow Blood Pump," Artificial Organs, Vol. 20, No. 6, 1996, pp. 618-620.	<input type="checkbox"/>
	32	KONISHI, ET AL., "Long-term Animal Survival with an Implantable Axial Flow Pump as a Left Ventricular Assist Device," Artificial Organs, Vol. 20, No. 2, 1996, pp. 124-127.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

33	MARCIS, ET AL., "In Vivo Evaluation of an Intraventricular Electric Axial Flow Pump for Left Ventricular Assistance," ASAIO Journal 1994, pp. M719-M722.	<input type="checkbox"/>
34	MAYS, ET AL., "Clinical Management of Total Artificial Heart Drive Systems," JAMA, February 12, 1988, Vol. 259, No. 6, pp. 881-885.	<input type="checkbox"/>
35	MIZUGUCHI, ET AL., "Does Hematocrit Affect In Vitro Hemolysis Test Results? Preliminary Study with Baylor/NASA Prototype Axial Flow Pump," Artificial Organs, Vol. 18, No. 9, 1994, pp. 650-656.	<input type="checkbox"/>
36	MIZUGUCHI, ET AL., "Development of an Axial Flow Ventricular Assist Device: In Vitro and In Vivo Evaluation," Artificial Organs, Vol. 19, No. 7, 1995, pp. 653-659.	<input type="checkbox"/>
37	MIZUGUCHI, ET AL., "Development of the Baylor/NASA Axial flow Ventricular Assist Device: In Vitro Performance and Systematic Hemolysis Test Results," Artificial Organs, Vol. 18, No. 1, 1994, pp. 32-43.	<input type="checkbox"/>
38	MUSSIVAND, ET AL., "Transcutaneous Energy Transfer System Performance Evaluation," Artificial Organs, Vol. 17, No. 11, 1993, pp. 940-947.	<input type="checkbox"/>
39	MYERS, ET AL., "Use of a left Ventricular Assist Device in an Outpatient Setting," ASAIO Journal 1994, pp. M471-M475.	<input type="checkbox"/>
40	MYERS, ET AL., "Clinical Experience With the HeartMate Left Ventricular Assist Device," Heart Failure," December 1994/January 1995, pp. 247-258.	<input type="checkbox"/>
41	NAITO, ET AL., "The Need for Standardizing the Index of Hemolysis," Artificial Organs, Vol. 18, No. 1, 1994, pp. 7-10.	<input type="checkbox"/>
42	NOSE, "Can We Develop a Totally Implantable Rotary Blood Pump?," Artificial Organs, Vol. 19, No. 7, 1995, pp. 561-562.	<input type="checkbox"/>
43	NOSE, "Is It Essential to Implant a Right Ventricular Assist Pump for Right Heart Failure in LVAD Patients?," Artificial Organs, Vol. 19, No. 4, 1995, pp. 287.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number	125553.00005(c)	

44	NOSE, ET AL., "Can We Develop a Nonpulsatile Permanent Rotary Blood Pump? Yes, We Can," Artificial Organs, Vol 20, No. 6, pp. 467-474.	<input type="checkbox"/>
45	NOSE, ET AL., Necessity for Long-Term Vision by Government Agencies in the World for the Development of a TAH," Vol. 19, No. 6, p. 489.	<input type="checkbox"/>
46	OLSEN, ET AL., "A two and one half year clinical experience with a mechanical left ventricular assist pump in the treatment of profound postoperative heart failure," The International Journal of Artificial Organs, Vol. 2, No. 4, 1979, pp. 197-206.	<input type="checkbox"/>
47	PANTALOS, "Artificial Heart: Past, Present, and Future," Artificial Organs, Vol. 17, No. 10, 1993, pp. 826-827.	<input type="checkbox"/>
48	PARNIS, ET AL., "Five Month Survival in a Calf Supported With an Intraventricular Axial Flow Blood Pump," ASAIO Journal 1995, Vol. 41, No. 3, pp. M333-M335.	<input type="checkbox"/>
49	PENNINGTON, ET AL., "Seven years' experience with the Pierce-Donachy ventricular assist device," The Journal of Thoracic and Cardiovascular Surgery, 1998, pp. 901-911.	<input type="checkbox"/>
50	PIERCE, ET AL., "Total Artificial Heart: From Bridge to Transplantation to Permanent Use," The Society of Thoracic Surgeons, 1996, pp. 342-346.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

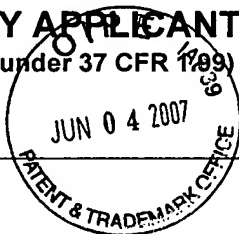
EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10533005
	Filing Date		2006-08-07
	First Named Inventor	Michel Carrier	
	Art Unit		
	Examiner Name		
	Attorney Docket Number		125553.00005(c)



U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5824070		1998-10-20	Jarvik	
	2	5851174		1998-12-22	Jarvik	
	3	5911685		1999-06-15	Siess, et al.	
	4	5928131		1999-07-27	Prem	
	5	5947892		1999-09-07	Benkowski, et al	
	6	5951263		1999-09-14	Taylor, et al.	
	7	5957672		1999-09-28	Aber	
	8	5964694		1999-10-12	Siess, et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number	125553.00005(c)	

	9	6015272		2000-01-18	Antaki, et al.	
	10	6018208		2000-01-25	Maher, et al.	
	11	6093001		2000-07-25	Burgeon, et al.	
	12	6116862		2000-09-12	Rau, et al.	
	13	6120537		2000-09-19	Wampler	
	14	6135710		2000-10-24	Araki, et al.	
	15	6135728		2000-10-24	Klein, et al.	
	16	6139487		2000-10-31	Siess	
	17	6176822		2001-01-23	Nix, et al.	
	18	6176848		2001-01-23	Rau, et al.	
	19	6227797		2001-05-08	Watterson, et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

	20	6227820		2001-05-08	Jarvik	
	21	6244835		2001-06-12	Antaki, et al.	
	22	6247892		2001-06-19	Kazatchkov, et al.	
	23	6250880		2001-06-26	Woodard, et al.	
	24	6302910		2001-10-16	Yamazaki, et al.	
	25	6346120		2002-02-12	Yamazaki, et al.	
	26	6368083		2002-04-09	Wampler	
	27	6387125		2002-05-14	Yamazaki, et al.	
	28	6439845		2002-08-27	Veres	
	29	6447265		2002-09-10	Antaki, et al	
	30	6468041		2002-10-22	Ozaki	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number	125553.00005(c)	

	31	6527521		2003-03-04	Noda	
	32	6537315		2003-03-25	Yamazaki, et al.	
	33	6609883		2003-08-26	Woodhard, et al.	
	34	6638011		2003-10-28	Woodhard, et al.	
	35	6688861		2004-02-10	Wampler	
	36	6719791		2004-04-13	Nusser, et al.	
	37	6752602		2004-06-22	Eistrup, et al.	
	38	6761532		2004-07-13	Capone, et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)



Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number		125553.00005(c)

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	PINOTTI, ET AL., "Computational Prediction of Hemolysis in a Centrifugal Ventricular Assist Device," Artificial Organs, 1995, Vol. 19, No. 3, pp. 267-273.	<input type="checkbox"/>
	2	QIAN, ET AL., "In Vivo Studies of Pulsatile Implantable Impeller Assist and Total Hearts," Artificial Organs, 1995, Vol. 19, No. 4, pp. 328-333.	<input type="checkbox"/>
	3	RYU, ET AL., "Effect of Shear Stress on Fibrinogen Adsorption and Its Conformational Change," ASAIO Journal 1995, pp. 384-388.	<input type="checkbox"/>
	4	SCHIMA, ET AL., "The Vienna Implantable Centrifugal Blood Pump," Artificial Organs, 1994, Vol. 18, No. 7, pp. 500-505.	<input type="checkbox"/>
	5	SHIMONO, ET AL., "Total Erythrocyte Destruction Time: The New Index for the Hemolytic Performance of Rotary Blood Pumps," Artificial Organs, 1995, Vol. 19, No. 7, pp. 571-575.	<input type="checkbox"/>
	6	STARNES, ET AL., "Isolated left ventricular assist as bridge to cardiac transplantation," The Journal of Thoracic and Cardiovascular Surgery, July 1988, Vol. 96, No. 1, pp. 62-71.	<input type="checkbox"/>
	7	STATISTICS CANADA, "Causes of death 1986," Vital Statistics, Volume IV, 1988.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533005
Filing Date		2006-08-07
First Named Inventor	Michel Carrier	
Art Unit		
Examiner Name		
Attorney Docket Number	125553.00005(c)	

8	STATISTICS CANADA, "Causes of Death, 1997," Shelf Tables, July 1999.	<input type="checkbox"/>
9	SUKUMAR, ET AL., "Application of Computational Fluid Dynamics Techniques to Blood Pumps," Artificial Organs, 1996, Vol. 20, No. 6, pp. 529-533.	<input type="checkbox"/>
10	TERMUHLEN, ET AL., "Predictors for Weaning Patients from Ventricular Assist Devices," Trans Am Soc Artif Intern Organs 1988, Vol. XXXIV, pp. 131-139.	<input type="checkbox"/>
11	VETTER, ET AL., "Experience with the Novacor left ventricular assist system as a bridge to cardiac transplantation, including the new wearable system," The Journal of Thoracic and Cardiovascular Surgery, 1995, Volume 109, No. 1, pp. 74-80.	<input type="checkbox"/>
12	WERNICKE, ET AL., "A Fluid Dynamic Analysis Using Flow Visualization of the Baylor/NASA Implantable Axial Flow Blood Pump for Design Improvement," Artificial Organs, 1995, Vol. 19, No. 2, pp. 161-177.	<input type="checkbox"/>
13	WESTABY, "The need for artificial hearts" Heart, 1996, Vol. 76, pp. 200-206.	<input type="checkbox"/>
14	YAMANE, ET AL., "Design of a Centrifugal Blood Pump with Magnetic Suspension," Artificial Organs, 1995, Vol. 19, No. 7, pp. 625-630.	<input type="checkbox"/>
15	YAMAZAKI, ET AL., "An Intraventricular Axial Flow Blood Pump Integrated With a Bearing Purge System," ASAIO Journal 1995, Vol. 41, pp. M327-M332.	<input type="checkbox"/>
16	YAMAZAKI, ET AL., "Development of a Miniature Intraventricular Axial Flow Blood Pump," ASAIO Journal 1993, Vol. 39, pp. M224-M230.	<input type="checkbox"/>
17	YELESWARAPU, ET AL., "A Mathematical Model for Shear-Induced Hemolysis," Artificial Organs, 1995, Vol. 19, No. 7, pp. 576-582.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10533005
	Filing Date	2006-08-07
	First Named Inventor	Michel Carrier
	Art Unit	
	Examiner Name	
	Attorney Docket Number	125553.00005(c)

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			
<p>¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.</p>			